SpyWolf

Project Audit

Project:

SkyBridge Capital

April 9, 2022

Overview

This audit has been prepared for **SkyBridge Capital** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point:

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.

"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
- SpyWolf Team

Smart Contract Summary

Contract Name	skybridge
Ticker	SBC
Contract	0x88ca52d18F8c15b1817746ED04Fb642b51E549D8
Network	Binance smart chain
Language	Solidity
Tax	**Buys: 12%** **Sell: 12%**
Total Supply	1,000,000,000,000
Status	Not launched yet

Current stats

Burn	No burned tokens
LP Address	Liquidity not added yet
Liquidity	Liquidity not added yet
MaxTxAmount	5,000,000,000

Smart Contract Statistics

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	1000000000000 SBC
Median Transfer Amount	1000000000000 SBC
Average Transfer Amount	1000000000000 SBC
First transfer date	2022-04-08
Last transfer date	2022-04-08
Days tokens Transfer	1

Issues Checking Status

Design Logic	**Passed ✓**
Compiler warnings.	**Passed ✓**
Private user data leaks	**Passed ✓**
Timestamp dependence	**Passed ✓**
Integer Overflow and Underflow	**Passed ✓**
Race conditions and Reentrancy. Cross-function race conditions	**Passed ✓**
Possible delays in data delivery	**Passed ✓**
Oracle calls	**Passed ✓**
Front running	**Passed ✓**
DoS with Revert	**Passed ✓**
DoS with block gas limit	**Passed ✓**
Methods execution permissions	**Passed ✓**
Economy model	**Passed ✓**
The impact of the exchange rate on the logic	**Passed ✓**
Malicious Event log	**Passed ✓**
Scoping and Declarations	**Passed ✓**
Uninitialized storage pointers	**Passed ✓**
Arithmetic accuracy	**Passed ✓**
Cross-function race conditions	**Passed ✓**
Safe Zeppelin module	**Passed ✓**
Fallback function security	**Passed ✓**

Featured Wallets

Owner address	0x92216848c7804B11c5452e9DBA2235f43E583090
*Liquidity wallet	0x32a8FEbC5153fdBFBef5e98F4B30fbd9023D4f3a
*Treasury wallet	0x5C941B8241B6C0e66b45A2E4d4f15689911bCf58

Top 3 Unlocked Wallets

Wallet 1 (100%)	Same as owner

Tokens are not distributed yet
*Owner have the ability to change this wallets in future

Security Threats

⚠️ **Owner can disable trade, making it impossible to sell.**

```solidity
function MarketActive(bool _state) external onlyOwner {
    marketActive = _state;
    if(_state) {
        MarketActiveAt = block.timestamp;
    }
}
```

Owner can change buy/sell fees. Combined buy+sell can't be more than 25%

```solidity
function setReflectionFee(uint buy, uint sell) external onlyOwner {
    buyReflectionFee = buy;
    sellReflectionFee = sell;
    setFees();
    if(buyFee + sellFee > 25) {
        revert ForbiddenActionInt("setReflectionFee","sum of fees should be lower then 25%",25);
    }
}
function setTreasuryFee(uint buy, uint sell) external onlyOwner {
    buyTreasuryFee = buy;
    sellTreasuryFee = sell;
    setFees();
    if(buyFee + sellFee > 25) {
        revert ForbiddenActionInt("setTreasuryFee","sum of fees should be lower then 25%",25);
    }
}
function setLiquidityFee(uint buy, uint sell) external onlyOwner {
    buyLiquidityFee = buy;
    sellLiquidityFee = sell;
    setFees();
    if(buyFee + sellFee > 25) {
        revert ForbiddenActionInt("setLiquidityFee","sum of fees should be lower then 25%",25);
    }
}
function setBurnFee(uint buy, uint sell) external onlyOwner {
    buyBurnFee = buy;
    sellBurnFee = sell;
    setFees();
    if(buyFee + sellFee > 25) {
        revert ForbiddenActionInt("setBurnFee","sum of fees should be lower then 25%",25);
    }
}
```

Security Threats

Owner can change max transaction limit, but can't lower it than 0.5% of total supply.

```solidity
function setMaxTx(uint buy, uint sell) external onlyOwner {
    buy*=10**decimals();
    sell*=10**decimals();
    uint256 min = _tTotal * 5 / 1000;
    if(buy < min) {
        revert ForbiddenActionInt("setMaxTx","max sell tx limited to 0.5% of the supply",min/(10**_decimals));
    }
    if(sell < min) {
        revert ForbiddenActionInt("setMaxTx","max buy tx limited to 0.5% of the supply",min/(10**_decimals));
    }
    maxBuyTxAmount = buy;
    maxSellTxAmount = sell;
}
function setMaxSellTxAmount(uint _value) external onlyOwner {
    _value *= 10** decimals();
    require( _value >= _tTotal * 5 / 1000 , "update to max sell tx limited to 0.5% of the supply" );
    maxSellTxAmount = _value;
}
function setMaxBuyTxAmount(uint _value) external onlyOwner {
    _value *= 10** decimals();
    require( _value >= _tTotal * 5 / 1000 , "update to max buy tx limited to 0.5% of the supply" );
    maxBuyTxAmount = _value;
}
```

Tokenomics

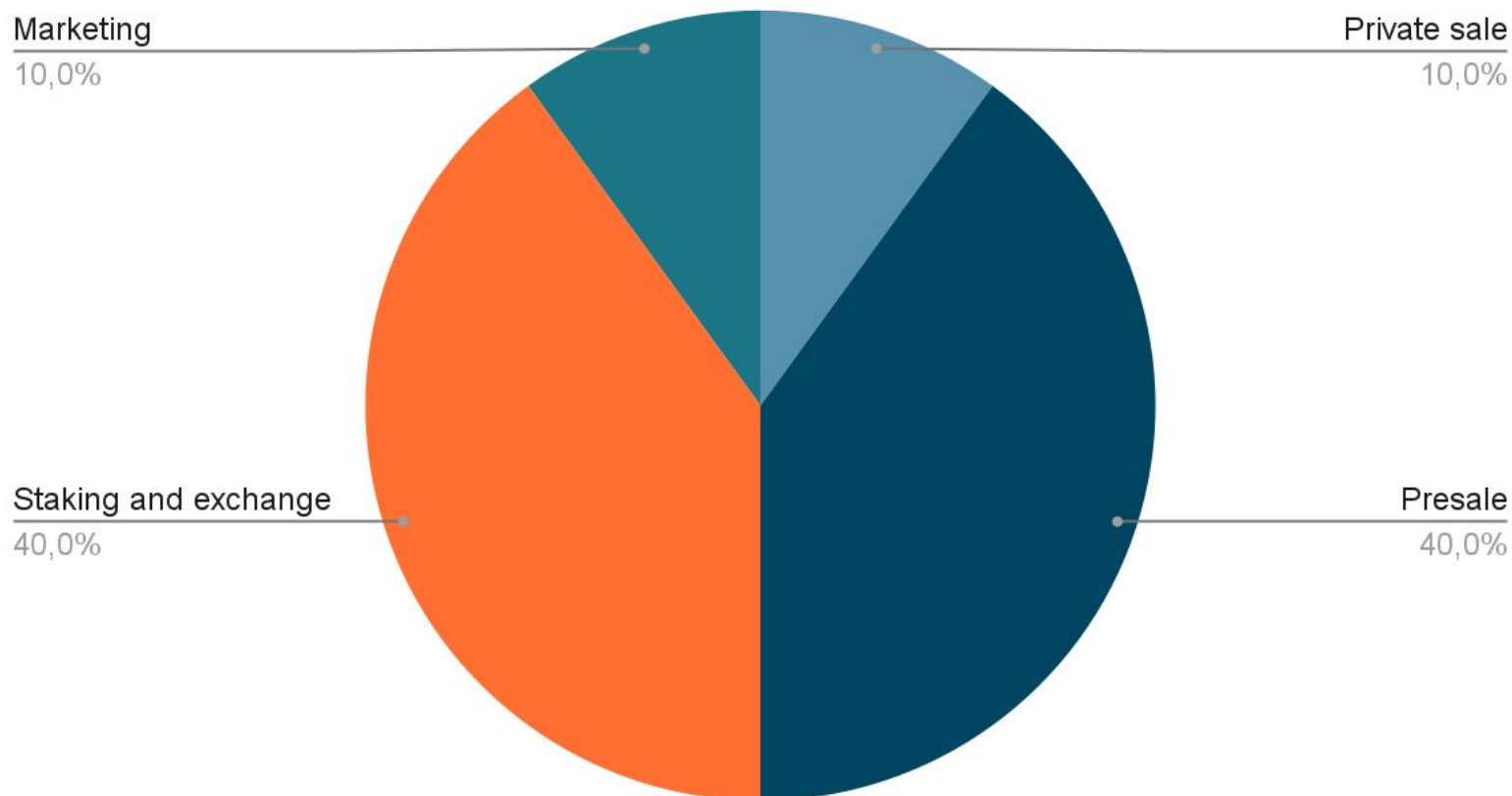## According to their whitepaper

Supply: 1,000,000,000,000 'SBC'

- 10% - Private Sale
- 40% - Presale
- 40% - Staking and exchange pools
- 10% - Marketing & Influencers

Presale
- Soft Cap: 500BNB
- Hard Cap: 850BNB
- Liquidity Percentage: 40%
- Yield Farming: 60%

Tokens distribution

Marketing
10,0%

Private sale
10,0%

Staking and exchange
40,0%

Presale
40,0%

SkyBridge Capital Project & Team Review

According to their whitepaper:

SkyBridge Capital is building a defi 3.0 platform. Classified as a FaaS (farming as a service). Funds accumulated in the treasury will be invested into defi 1.0 & 2.0 projects. Taking the yield and giving it back to the community through token reflections. Therefore taking the learning curve of defi 2.0 out and replacing it with a simple buy & hold concept. Treasury funds will be handled as follows:

49% of the funds allocated in treasury will be invested in choosed projects, after voting by the community. The rest 51% of the treasury will be handled by SkyBridge's risk manager.
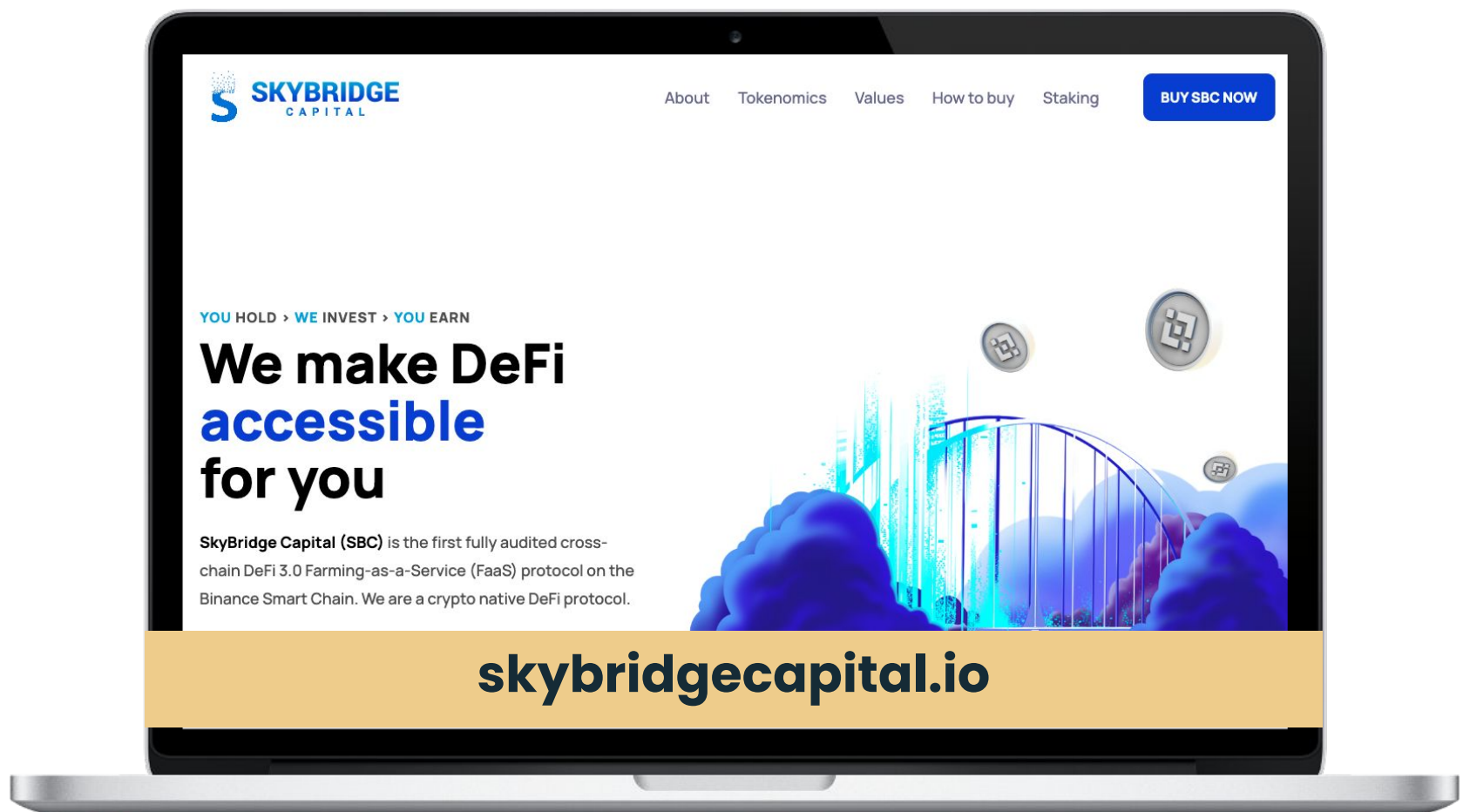
Team:

✅   KYC'd by SpyWolf

Website Analysis

URL: https://www.skybridgecapital.io/

- **Design:** Pleasant design and nice color scheme, single page.

- **Content:** Informative, no grammar mistakes.

- **Whitepaper:** Well written and explanatory, no grammar mistakes.

- **Roadmap:** No roadmap presented. ⚠️

- **Mobile-friendly?** Yes

- **Technical:** SSL certificate present. General SEO check passed.
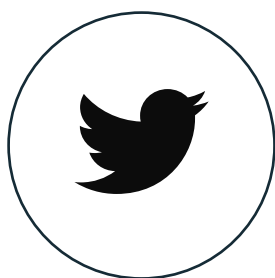

skybridgecapital.io

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Social Media & Online Presence

Telegram

https://t.me/SkyBridgeCapitalBSC

- 3 855 members
 - No active members ⚠️
- Active mod.


Twitter

https://twitter.com/skybridgeio

- 1 643 Followers
- Not very active. Total 8 posts in 2 months span. ⚠️

About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, $SPY.

▶ Website: SpyWolf.co

▶ Portal: SpyWolf.network

▶ Telegram: @SpyWolfNework

▶ Twitter: Twitter.com/SpyWolfNetwork
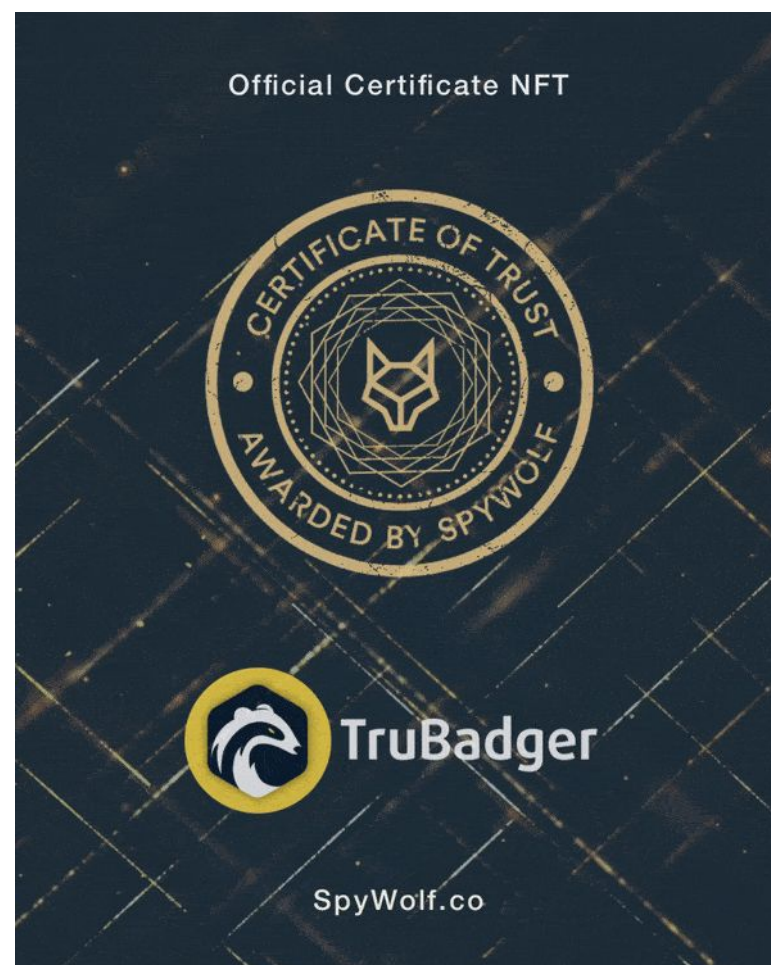
(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.